Facility: Dresden Generating Station Date of Examination: 08/08/2016

Exam Level: RO X SRO-I ☐ SRO-U ☐ Operating Test No.: 2016-301

Control Room Systems:* 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U

System / JPM Title	Type Code*	Safety Function
a. 211000.A4.08 4.2/4.2 SBLC – Injection with Pump and RWCU Failures	A, D, EN, P, S	1
b. 259002.A4.03 3.8/3.6 FW - Transfer FWLC to Main FRV during SU	D, L, S	2
c. 241000.A4.06 3.9/3.9 DEHC – Establish RPV Cooldown with Bypass Valves	D, L, S	3
d. 203000.A1.04 3.6/3.6 LPCI – Mitigate high Suction Pressure While Lining Up CST Suction For Injection	A, D, P, S	4
e. 223001.A4.07 4.2/4.1 Containment – Vent Containment with APCV	A, L, N, S	5
f. 262001.A4.01 3.4/3.7 AUX POWER - Restore Normal Feed to 28-7/29-7 from Bus 29	D, S	6
g. 215004.A4.04 3.2/3.2 SRM – Withdraw SRM Detectors with Stuck Detector	A, D, L, S	7
h. 261000.A4.09 2.7/2.7 SBGT - Start SBGT with RB Vent Failure to Isolate	A, EN, M, S	9
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. 295019.AA.1.02 3.3/3.1 Inst. Air – Lineup IACs to Unit 2 Instrument Air Header	N, R	8
j. 295028.EA1.03 3.9/3.9 Containment - Bypass Drywell Cooler Trip	D, E	5
k. 201001.A4.03 2.9/2.8 CRD - Swap CRD FCVs	D, R	1

* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all five SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.

* Type Codes	Criteria for RO / SRO-I / SRO-U
A)lternate path	4-6 / 4-6 / 2-3
(C)ontrol room	
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1
(EN)gineered safety feature	≥1 / ≥1 / ≥ 1 (control room system)
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)
(R)CA	≥ 1 / ≥ 1 / ≥ 1
(S)imulator	

Facility: Dresden Generating Station Date of Examination: 08/08/2016

Exam Level: RO ☐ SRO-I X SRO-U ☐ Operating Test No.: 2016-301

Control Room Systems:* 8 for RO; 7 for SRO-I; 2 or 3 for SRO-U

System / JPM Title	Type Code*	Safety Function
a. 211000.A4.08 4.2/4.2 SBLC – Injection with Pump and RWCU Failures	A, D, EN, P, S	1
b.		
c. 241000.A4.06 3.9/3.9 DEHC – Establish RPV Cooldown with Bypass Valves	D, L, S	3
d. 203000.A1.04 3.6/3.6 LPCI – Mitigate high Suction Pressure While Lining Up CST Suction For Injection	A, D, P, S	4
e. 223001.A4.07 4.2/4.1 Containment – Vent Containment with APCV	A, L, N, S	5
f. 262001.A4.01 3.4/3.7 AUX POWER - Restore Normal Feed to 28-7/29-7 from Bus 29	D, S	6
g. 215004.A4.04 3.2/3.2 SRM – Withdraw SRM Detectors with Stuck Detector	A, D, L, S	7
h. 261000.A4.09 2.7/2.7 SBGT - Start SBGT with RB Vent Failure to Isolate	A, EN, M, S	9
In-Plant Systems* (3 for RO); (3 for SRO-I); (3 or 2 for SRO-U)		
i. 295019.AA.1.02 3.3/3.1 Inst. Air – Lineup IACs to Unit 2 Instrument Air Header	N, R	8
j. 295028.EA1.03 3.9/3.9 Containment - Bypass Drywell Cooler Trip	D, E	5
k. 201001.A4.03 2.9/2.8 CRD - Swap CRD FCVs	D, R	1

* All RO and SRO-I control room (and in-plant) systems must be different and serve different safety functions; all five SRO-U systems must serve different safety functions; in-plant systems and functions may overlap those tested in the control room.

* Type Codes	Criteria for RO / SRO-I / SRO-U
A)lternate path	4-6 / 4-6 / 2-3
(C)ontrol room	
(D)irect from bank	≤ 9 / ≤ 8 / ≤ 4
(E)mergency or abnormal in-plant	≥ 1 / ≥ 1 / ≥ 1
(EN)gineered safety feature	≥1 / ≥1 / ≥ 1 (control room system)
(L)ow-Power / Shutdown	≥ 1 / ≥ 1 / ≥ 1
(N)ew or (M)odified from bank including 1(A)	≥ 2 / ≥ 2 / ≥ 1
(P)revious 2 exams	≤ 3 / ≤ 3 / ≤ 2 (randomly selected)
(R)CA	≥ 1 / ≥ 1 / ≥ 1
(S)imulator	